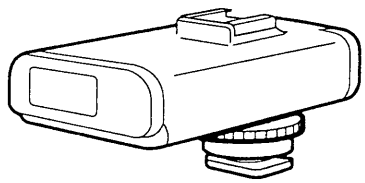
HVL-F7

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model



SPECIFICATIONS

Dimensions	About $2\ ^{1}/_{8} \times 1\ ^{13}/_{16} \times 3\ ^{3}/_{4}$ inches (About 53×46×93mm) (w/h/d) (Projections are not included in the dimensions)
Mass	About 3.2oz. (91g)
Supplied accessory	Two alkaline size AA (R6) batteries.

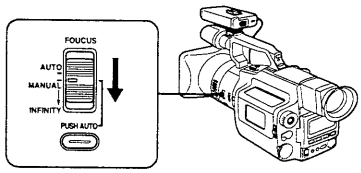
FEATURES

You can enjoy shooting subjects with the camcorder in photo mode under the following conditions:

- Insufficient light
- Too much brightness behind the subject (backlighting)

Using the video flash

1



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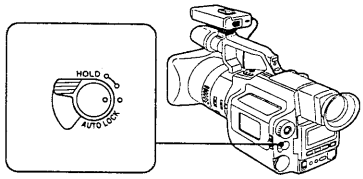

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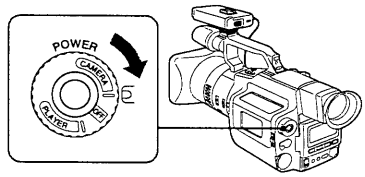

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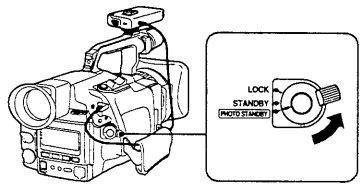

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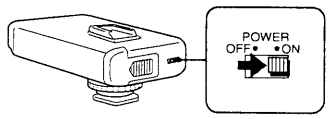

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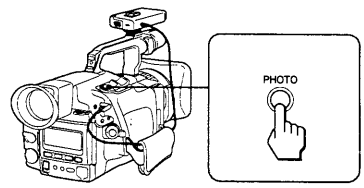

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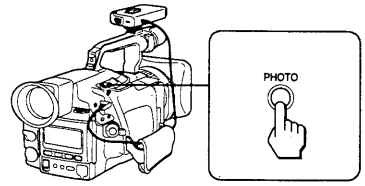

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MICROFILM

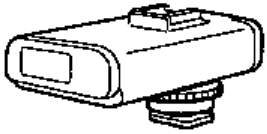
VIDEO FLASH

SONY®

HVL-F7

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model



SPECIFICATIONS

Dimensions	About 2 1/2 × 1 5/8 × 3 3/4 inches (About 53×65×93mm) (w/h/d) (Projections are not included in the dimensions)
Mass	About 3.2oz. (91g)
Supplied accessory	Two alkaline size AA (R6) batteries.

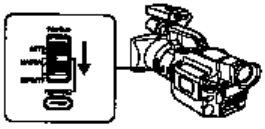
FEATURES

You can enjoy shooting subjects with the camcorder in photo mode under the following conditions:

- Insufficient light
- Too much brightness behind the subject (backlighting)

Using the video flash

1



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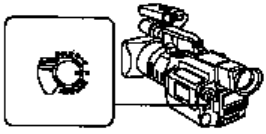

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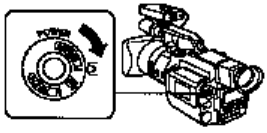

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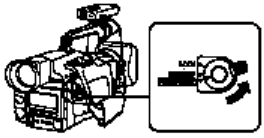

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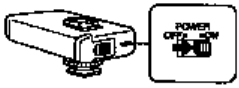

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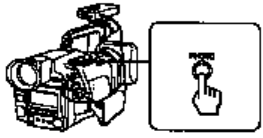

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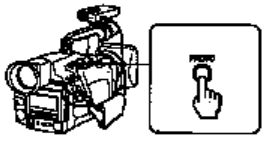


— Continued on next page —

MICROFILM

VIDEO FLASH

SONY

Using the video flash

(See Figure C)

The DCR-VX1000/VX1000E is used for explanation purpose. Please refer to the Operation Manual of your camcorder for detailed camcorder operation instructions.

1 Set the camcorder FOCUS switch to MANUAL.

2 Set the camcorder HOLD/AUTO LOCK selector to AUTO LOCK.

3 While pressing the center button on the camcorder POWER switch, set the camcorder POWER switch to CAMERA.

4 Set the camcorder standby switch to PHOTO STANDBY.

5 Set the video flash POWER switch to ON.
The video flash starts charging. It takes more than 7 seconds for it to charge completely. The battery charge complete mark ϟ appears in the camcorder viewfinder and display window.

6 Set the camcorder to the subject and adjust the focus.

7 Press the camcorder PHOTO button lightly and hold it until a still picture appears in the camcorder viewfinder. Keep pressing the camcorder PHOTO button lightly.
The video flash flashes. The still picture appears in the viewfinder.
To change the still picture, release the camcorder PHOTO button. The video flash starts charging after you release the camcorder PHOTO button. Be sure you have the battery charge complete mark ϟ in the viewfinder (or display window) before you press the camcorder PHOTO button lightly again.

Note
- The camcorder will adjust brightness after you press the camcorder PHOTO button, so that the picture may be darkened temporarily before the video flash flashes.

8 Press the camcorder PHOTO button down all the way and release it.
The still picture in the viewfinder is recorded for about 7 seconds. The sound during those 7 seconds is also recorded.
After the still picture is recorded, the video flash starts recharging.

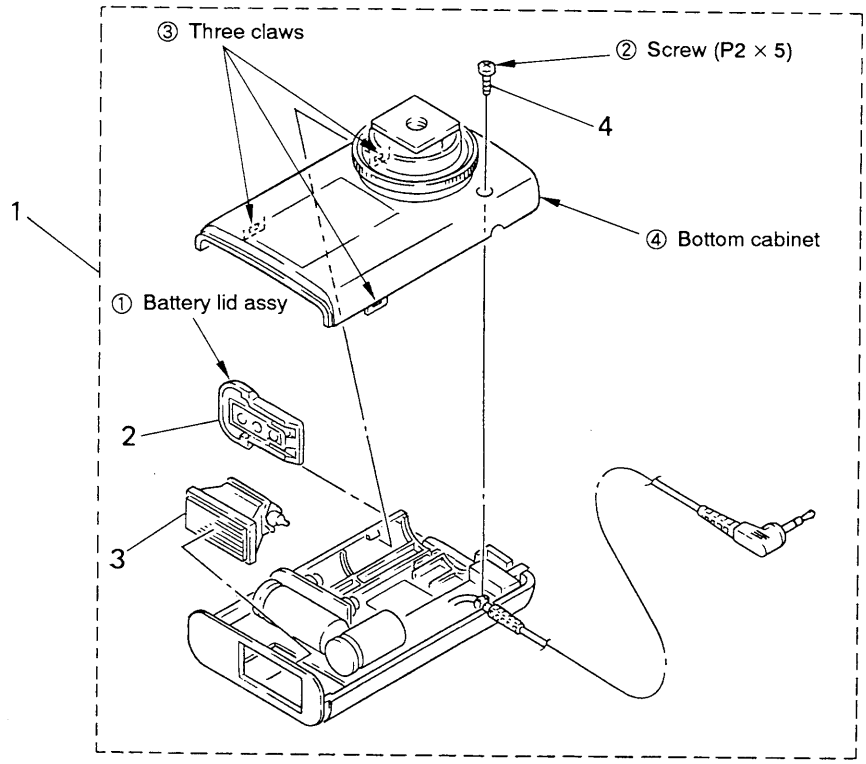
Tip
Although the supposed best distance between the subject and the video flash is about 13 feet (4 meters) in a room with low light, this distance varies depending on the shooting conditions. Be sure to check the still picture in step **7** before recording.

Notes
- Set the video flash POWER switch to OFF after use.
- It takes longer for the video flash to charge if the batteries are getting worn out.
- The video flash will need to recharge even if it is completely charged after:
  - you set the video flash POWER switch to OFF
  - you detach the video flash LANC control cable from the camcorder LANC control jack
  - you set the camcorder standby switch to other positions, LOCK or STANDBY.

REPAIR PARTS LIST

• DISASSEMBLY/EXPLODED VIEWS

Note: Follow the disassembly procedure in the numerical order given.



Ref. No.	Part No.	Description	Remark
1	1-759-197-11	MAIN STROBOSCOPE	
2	X-3945-728-1	LID ASSY, BATTERY	
3	X-3945-727-1	REFLECTOR ASSY	
4	7-685-103-29	SCREW 2X5, TAPPING (P)	

English
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Consumer A&V Products Company
Home A&V Products Div.

Published by Personal A&V Products Div.
Quality Engineering Dept.

9-973-822-11

Using the video flash

(See Figure [3])

The DCR-VX1000/VX1000E is used for explanation purpose. Please refer to the Operation Manual of your camcorder for detailed camcorder operation instructions.

1 **Set the camcorder FOCUS switch to MANUAL.**
2 **Set the camcorder HOLD/AUTO LOCK selector to AUTO LOCK.**
3 **While pressing the center button on the camcorder POWER switch, set the camcorder POWER switch to CAMERA.**
4 **Set the camcorder standby switch to PHOTO STANDBY.**
5 **Set the video flash POWER switch to ON.**
The video flash starts charging. It takes more than 7 seconds for it to charge completely. The battery charge complete mark ⚡ appears in the camcorder viewfinder and display window.
6 **Set the camcorder to the subject and adjust the focus.**
7 **Press the camcorder PHOTO button lightly and hold it until a still picture appears in the camcorder viewfinder. Keep pressing the camcorder PHOTO button lightly.**
The video flash flashes. The still picture appears in the viewfinder.
To change the still picture, release the camcorder PHOTO button. The video flash starts charging after you release the camcorder PHOTO button. Be sure you have the battery charge complete mark ⚡ in the viewfinder (or display window) before you press the camcorder PHOTO button lightly again.

Note

- The camcorder will adjust brightness after you press the camcorder PHOTO button, so that the picture may be darkened temporarily before the video flash flashes.

8 **Press the camcorder PHOTO button down all the way and release it.**
The still picture in the viewfinder is recorded for about 7 seconds. The sound during those 7 seconds is also recorded.
After the still picture is recorded, the video flash starts recharging.

Tip

Although the supposed best distance between the subject and the video flash is about 13 feet (4 meters) in a room with low light, this distance varies depending on the shooting conditions. Be sure to check the still picture in step 7 before recording.

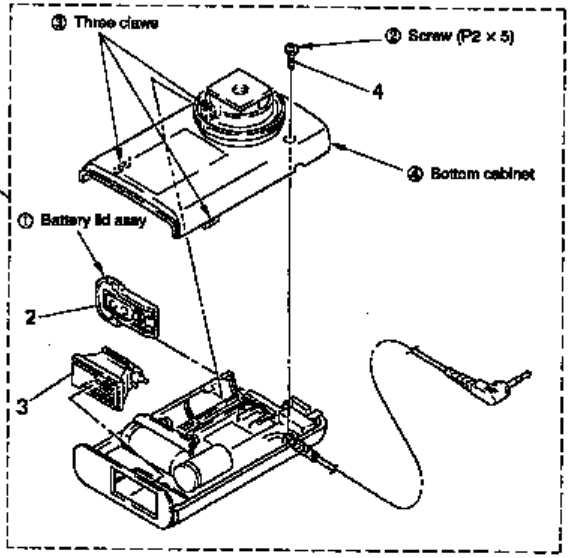
Notes

- Set the video flash POWER switch to OFF after use.
- It takes longer for the video flash to charge if the batteries are getting worn out.
- The video flash will need to recharge even if it is completely charged after:
  - you set the video flash POWER switch to OFF
  - you detach the video flash LANC control cable from the camcorder (LANC control jack
  - you set the camcorder standby switch to other positions, LOCK or STANDBY.

REPAIR PARTS LIST

• DISASSEMBLY/EXPLODED VIEWS

Note: Follow the disassembly procedure in the numerical order given.



Ref.No.	Part No.	Description	Remark
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2	X-3945-728-1	LID ASSY, BATTERY	
3	X-3945-727-1	REFLECTOR ASSY	
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